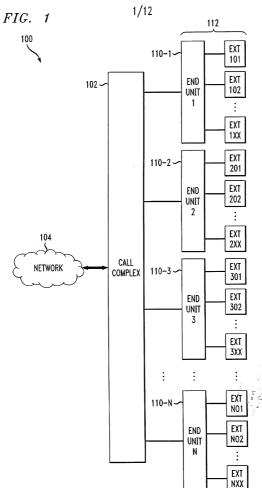
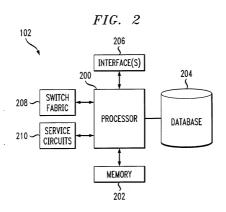
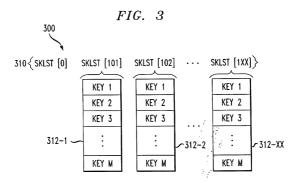
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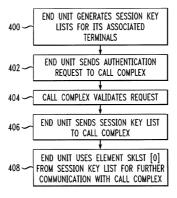




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FIG. 4



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CALL COMPLEX		END UNIT
	ţ	END UNITSESSION KEY = RANDOM() ESKe = ENCRYPT (END UNITSESSION KEY) END UNITPRIVATE KEY EEUIDB = ENCRYPT (END UNIT IDENIFICATION) CALL COMPLEX PUBLIC KEY SendAuthenticationReq (EEUIDB, ESKe)
DENTIFY REQUEST (VALIDATE REQUEST; IF IT IS NOT VALID, DROP IT) END UNIT IDENTIFICATION = DECRYPT (EEUIDe) CALL COMPLEX PRIVATE KEY IF (END UNIT IDENTIFICATION) EXISTS GET END UNIT PUBLIC KEY END UNIT SESSION KEY = ENCRYPT (END UNIT SESSION KEY) END UNIT PUBLIC KEY ACKE = ENCRYPT (ACK) END UNIT SESSION KEY CreateSessionInformation (IP-ADDRESS, END UNIT IDENTIFICATION) SendRegistrationAcknowledgements. (ACKe)	t	
		SKISTe = ENCRYPT (GenerateSessionKeyListForEndUnit()) END UNITSESSION KEY SendSessionKeyList (SKLSTe)
SKLST = DECRYPT (SKLSTe) END UNTSESSION KEY = SKLST[0] ACKe = ENCRYPT (ACK) END UNITSESSION KEY SendSessionKeyListAcknowledgement (ACKe)		END UNITSESSION KEY = SKLST[0]

FIG. 6A CONT.

	1	IF INCOMING REQUEST IP ADDRESS NOT CALL COMPLEX, DROP THE REQUEST PLAINTEXT BUFFER = DECRYPT (INCOMING BUFFER) END UNITSESSION KEY IF PLAINTEXT BUFFER DOES NOT CONTAIN END UNIT RECISTRATION NAME, DROP THE REQUEST SET EUEUSK SendCollacceptedInformation (RTP INFO) UNITSESSION KEY
END UNIT 1		END UNIT 2
SendVoicePacket (ENCRYPT (PLAINTEXT BUFFER) EUEUSK) ReceiveVoicePacket (DECRYPT (INCOMING BUFFER) EUEUSK)	‡	ReceiveVoicePacket (DECRYPT (INCOMING BUFFER) EUEUSK) SendVoicePacket (ENCRYPT (PLAINTEXT BUFFER) EUEUSK)

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	90	1		
CALL COMPLEX	IF INCOMING REQUEST IP ADDRESS NOT REGISTERED, DROP THE REQUEST END UNITSESSION KEY FOR IP (REQUEST IP ADDRESS) CALL REQUEST DATA = DECRYPT (INCOMING BUFFER) END UNITSESSION KEY IF PLAINTEXT BUFFER DOES NOT CONTAIN END UNIT REGISTRATION NAME, DROP THE REDUEST	CALL COMPLEX	EUEUSK = SKLST[105] MESSAGE KEY = get_key_for_extension (311) SendIncomingConfRequest (ENCRYPT (0IP, 511, 105, EUEUSK) MESSAGE KEY)	
	†			
END UNIT 1	ConfrequestTo (EXTENSION 311, EXTENSION 105) END UNITSESSION KEY	END UNIT 3	*	IF INCOMING REQUEST IP ADDRESS NOT CALL. COMPLEX, DROP THE REQUEST PLAINTEXT BUFFER = DECRYPT (INCOMING BUFFER) END UNITESSSION KEY IF PLAINTEXT BUFFER DOES NOT CONTAIN END UNIT REGISTRATION NAME, DROP THE REQUEST SET EUEUSK SendConfacceptedInformation (RTP INFO) UNITSESSION KEY

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FIG. 6B CONT.

END UNIT 3		END UNIT 1
SendVoicePocket (ENCRYPT (PLAINTEXT BUFFER)ELEUSK) ReceiveVoicePacket (DECRYPT (INCOMING BUFFER)EUEUSK)	‡	ReceiveVoicePacket (DECRYPT (INCOMING BUFFER)EUEUSK) SendVoicePacket (ENCRYPT (PLAINTEXT BUFFER)EUEUSK)
END UNIT 3		END UNIT 2
SendVoicePaaket (ENCRYPT (PLAINTEXT BUFFER) EUEUSK) ReceiveVoicePaaket (DECRYPT (INCOMING BUFFER) EUEUSK)	ţ.	ReceiveVoicePacket (DECRYPT (INCOMING BUFFER)EUEUSK) SendVoicePacket (ENCRYPT (PLAINTEXT BUFFER)EUEUSK)

FIG. 6C

END UNIT 1		CALL COMPLEX
DropSession (EXTENSION 311) END UNIT SESSION KEY		IF INCOMING REQUEST IP ADDRESS NOT REGISTERED, DROP THE REQUEST
		END UNIT SESSION KEY = FIND SESSION KEY FOR IP (REQUEST
	1	IP ADDRESS)
		CALL REQUEST DATA = DECRYPT (INCOMING BUFFER)
		END UNITSESSION KEY
		IF PLAINTEXT BUFFER DOES NOT CONTAIN END UNIT
		REGISTRATION NAME, DROP THE REQUEST
END UNIT 3		CALL COMPLEX
CleanUp()	ļ	DropSession (EXTENSION 311) END UNIT SESSION KEY

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END UNIT 2	CALL COMPLEX
•	EUEUSK-NEW = SKLST[105, NEXT] // GET NEXT SESSION KEY FROM EXTENSION 105 STACK MESSAGE KEY = get_key_for_extension (201) SendNewSessionKeyRequest (ENGRYPT (0IP, 201, 105, EUEUSK) MESSAGE KEY)
IF INCOMING REQUEST IP ADDRESS NOT CALL COMPLEX, DROP THE REQUEST PLAINTEXT BUFFER = DECRYPT (INCOMING BUFFER) END UNITSESSION KEY IF PLAINTEXT BUFFER DOES NOT CONTAIN END UNIT REGISTRATION NAME, DROP THE REQUEST SET EUEUSK TO EUEUSK—NEW SendConfforNewSessionKeyRequest() UNITSESSION KEY	
END UNIT 1	END UNIT 2
SendVoicePacket (ENCRYPT (PLAINTEXT BUFFER)EUEUSK-NEW) ReceiveVoicePacket (DECRYPT (INCOMING BUFFER) EUEUSK-NEW)	ReceiveVoicePacket (DECRYPT (INCOMING BUFFER)EUEUSK-NEW) SendVoicePacket (ENCRYPT (PLAINTEXT BUFFER)EUEUSK-NEW)
END UNIT 1	END UNIT 2
EndOfSession (ENCRYPT (PLAINTEXT BUFFER)EUEUSK-NEW)	- CleanUp()

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FIG.	

CALL COMPLEX		END UNIT 1
	END UNIT 105 SESSION KEY = SESSION KEY FOR 105 EUSKe = ENCRYPT (EUSN, ENC END UNIT PRIVATE KEY SendSessionKey (EUSKe)	END UNIT 105 SESSION KEY = RANDOM() // CREATE A NEW SESSION KEY FOR 105 EUSKe = ENCRYPT (EUSN, END UNIT 105 SESSION KEY) END UNIT PREVATE KEY SendSessionKey (EUSKe)
IF INCOMING REQUEST IP ADDRESS NOT REGISTERED, DROP THE REQUEST		
end unitsession key= find session key for ip (reolest ip address) call request data = decrypt (incoming buffer) End unitsession key		
IF PLAINTEXT BUFFER DOES NOT CONTAIN END UNIT REGISTRATION NAME, DROP THE REQUEST		
update sklst[105] = End unit 105 _{sessi} on key // this is a stack operation; new key is first avallable key In the stack		

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FIG. 6D CONT. (2)

	Į.	END UNIT 105 SESSION KEY = RANDOW() // CREATE A SECOND SESSION KEY FOR 105 EUSKe = ENCRYPT (EUSN, END UNIT 105 SESSION KEY) END UNIT PRIVATE KEY SendSessionKey (EUSKe)
IF INCOMING REQUEST IP ADDRESS NOT REGISTERED, DROP THE REQUEST		
end unit session key = find session key for 19 (request 1P address) call request data = decrypt (incoming buffer) End unit session key		
JF PLAINTEXT BUFFER DOES NOT CONTAIN END UNIT REGISTRATION NAME, DROP THE REQUEST		
UPDATE SKLST[105] = END UNIT 105 SESSION KEY // THIS IS A STACK OPERATION; NEW KEY IS FIRST		
AVAILABLE KEY IN THE STACK		